

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.

TestAmerica Nashville

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Nashville, TN 37204

Tel: (615)726-0177

TestAmerica Job ID: 490-50028-1

Client Project/Site: Everett Terminal - Outfall 01 C

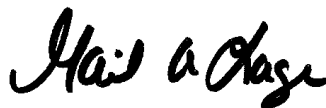
For:

Exxon Global Remed. Grp

52 Beacham Street

Everett, Massachusetts 02149

Attn: Mallory Stanhope



Authorized for release by:

4/22/2014 2:41:45 PM

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Results relate only to the items tested and the sample(s) as received by the laboratory.



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Sample Summary

Client: Exxon Global Remed. Grp
Project/Site: Everett Terminal - Outfall 01 C

TestAmerica Job ID: 490-50028-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
490-50028-1	Outfall 01 C	Wastewater	04/03/14 10:40	04/04/14 08:30
490-50028-2	Outfall 01 C-TSS - 1	Wastewater	04/03/14 10:40	04/04/14 08:30
490-50028-5	Trip Blank	Water	04/03/14 00:01	04/04/14 08:30

Case Narrative

Client: Exxon Global Remed. Grp
Project/Site: Everett Terminal - Outfall 01 C

TestAmerica Job ID: 490-50028-1

Job ID: 490-50028-1

Laboratory: TestAmerica Nashville

Narrative

Job Narrative 490-50028-1

Receipt

The samples were received on 4/4/2014 8:30 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 1.6° C.

HPLC

Method(s) 610: The surrogate recovery for the blank associated with batch 153257 was outside the upper control limits. All associated sample surrogates fell within acceptance criteria; therefore, the data have been reported.

Method(s) 610: The method blank for batch 153257 contained Fluorene above the method detection limit. This target analyte concentration was less than the reporting limit (RL); therefore, re-extraction and/or re-analysis of samples was not performed.

No other analytical or quality issues were noted.

GC VOA

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Metals

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

General Chemistry

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Organic Prep

Method(s) 610: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate/sample duplicate (MS/MSD/DUP) associated with batch 153257.

No other analytical or quality issues were noted.

Definitions/Glossary

Client: Exxon Global Remed. Grp
Project/Site: Everett Terminal - Outfall 01 C

TestAmerica Job ID: 490-50028-1

Qualifiers

HPLC/IC

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
p	The %RPD between the primary and confirmation column/detector is >40%. The lower value has been reported.
X	Surrogate is outside control limits

Metals

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

General Chemistry

Qualifier	Qualifier Description
F3	Duplicate RPD exceeds the control limit

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
□	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CNF	Contains no Free Liquid
DER	Duplicate error ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
MDA	Minimum detectable activity
EDL	Estimated Detection Limit
MDC	Minimum detectable concentration
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative error ratio
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Client Sample Results

Client: Exxon Global Remed. Grp
Project/Site: Everett Terminal - Outfall 01 C

TestAmerica Job ID: 490-50028-1

Client Sample ID: Outfall 01 C

Date Collected: 04/03/14 10:40

Date Received: 04/04/14 08:30

Lab Sample ID: 490-50028-1

Matrix: Wastewater

Method: 602 - Purgeable Aromatics (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.360		1.00	0.360	ug/L			04/08/14 17:55	1
Toluene	<0.330		1.00	0.330	ug/L			04/08/14 17:55	1
Ethylbenzene	<0.370		1.00	0.370	ug/L			04/08/14 17:55	1
Xylenes, Total	<0.600		3.00	0.600	ug/L			04/08/14 17:55	1
Methyl tert-butyl ether	1.42		1.00	0.460	ug/L			04/08/14 17:55	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
a,a,a-Trifluorotoluene	97		50 - 150		04/08/14 17:55	1

Method: 610 - PAHs (HPLC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	<0.162		0.952	0.162	ug/L		04/07/14 13:21	04/16/14 23:17	1
Acenaphthylene	<0.219		0.952	0.219	ug/L		04/07/14 13:21	04/16/14 23:17	1
Anthracene	<0.0952		0.952	0.0952	ug/L		04/07/14 13:21	04/16/14 23:17	1
Benzo[a]anthracene	<0.0190		0.190	0.0190	ug/L		04/07/14 13:21	04/16/14 23:17	1
Benzo[a]pyrene	<0.0190		0.0952	0.0190	ug/L		04/07/14 13:21	04/16/14 23:17	1
Benzo[b]fluoranthene	<0.0190		0.0952	0.0190	ug/L		04/07/14 13:21	04/16/14 23:17	1
Benzo[g,h,i]perylene	<0.0190		0.190	0.0190	ug/L		04/07/14 13:21	04/16/14 23:17	1
Benzo[k]fluoranthene	<0.0190		0.133	0.0190	ug/L		04/07/14 13:21	04/16/14 23:17	1
Chrysene	<0.0190		0.0952	0.0190	ug/L		04/07/14 13:21	04/16/14 23:17	1
Dibenz(a,h)anthracene	<0.0286		0.190	0.0286	ug/L		04/07/14 13:21	04/16/14 23:17	1
Fluoranthene	<0.0286		0.190	0.0286	ug/L		04/07/14 13:21	04/16/14 23:17	1
Fluorene	<0.0381		0.476	0.0381	ug/L		04/07/14 13:21	04/16/14 23:17	1
Indeno[1,2,3-cd]pyrene	<0.0381		0.190	0.0381	ug/L		04/07/14 13:21	04/16/14 23:17	1
Naphthalene	<0.324		0.952	0.324	ug/L		04/07/14 13:21	04/16/14 23:17	1
Phenanthrene	<0.0476		0.476	0.0476	ug/L		04/07/14 13:21	04/16/14 23:17	1
Pyrene	<0.0286		0.190	0.0286	ug/L		04/07/14 13:21	04/16/14 23:17	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
p-Terphenyl	76		25 - 135	04/07/14 13:21	04/16/14 23:17	1

Method: 200.7 Rev 4.4 - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	<0.0680		0.100	0.0680	mg/L		04/14/14 11:38	04/18/14 19:38	1
Chromium	<0.00120		0.00500	0.00120	mg/L		04/14/14 11:38	04/18/14 19:38	1
Lead	0.00380	J	0.00500	0.00170	mg/L		04/14/14 11:38	04/18/14 19:38	1
Cadmium	<0.000200		0.00100	0.000200	mg/L		04/14/14 11:38	04/18/14 19:38	1
Copper	<0.00700		0.0100	0.00700	mg/L		04/14/14 11:38	04/18/14 19:38	1
Nickel	<0.00130		0.0100	0.00130	mg/L		04/14/14 11:38	04/21/14 14:19	1
Zinc	0.0248	J	0.0500	0.0100	mg/L		04/14/14 11:38	04/21/14 14:19	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil & Grease (HEM)	<1.49		4.27	1.49	mg/L		04/14/14 11:11	04/14/14 11:11	1
Available cyanide	<0.00180		0.00200	0.00180	mg/L			04/08/14 15:03	1

TestAmerica Nashville

Client Sample Results

Client: Exxon Global Remed. Grp
Project/Site: Everett Terminal - Outfall 01 C

TestAmerica Job ID: 490-50028-1

Client Sample ID: Outfall 01 C-TSS - 1

Lab Sample ID: 490-50028-2

Date Collected: 04/03/14 10:40

Matrix: Wastewater

Date Received: 04/04/14 08:30

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids	<0.722		1.03	0.722	mg/L			04/05/14 13:10	1

Client Sample Results

Client: Exxon Global Remed. Grp
Project/Site: Everett Terminal - Outfall 01 C

TestAmerica Job ID: 490-50028-1

Client Sample ID: Trip Blank

Date Collected: 04/03/14 00:01

Date Received: 04/04/14 08:30

Lab Sample ID: 490-50028-5

Matrix: Water

Method: 602 - Purgeable Aromatics (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.360		1.00	0.360	ug/L			04/07/14 16:30	1
Toluene	<0.330		1.00	0.330	ug/L			04/07/14 16:30	1
Ethylbenzene	<0.370		1.00	0.370	ug/L			04/07/14 16:30	1
Xylenes, Total	<0.600		3.00	0.600	ug/L			04/07/14 16:30	1
Methyl tert-butyl ether	<0.460		1.00	0.460	ug/L			04/07/14 16:30	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
a,a,a-Trifluorotoluene	98		50 - 150					04/07/14 16:30	1

QC Sample Results

Client: Exxon Global Remed. Grp
Project/Site: Everett Terminal - Outfall 01 C

TestAmerica Job ID: 490-50028-1

Method: 602 - Purgeable Aromatics (GC)

Lab Sample ID: MB 490-153223/4

Matrix: Water

Analysis Batch: 153223

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.360		1.00	0.360	ug/L			04/07/14 11:28	1
Toluene	<0.330		1.00	0.330	ug/L			04/07/14 11:28	1
Ethylbenzene	<0.370		1.00	0.370	ug/L			04/07/14 11:28	1
Xylenes, Total	<0.600		3.00	0.600	ug/L			04/07/14 11:28	1
Methyl tert-butyl ether	<0.460		1.00	0.460	ug/L			04/07/14 11:28	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
a,a,a-Trifluorotoluene	97		50 - 150		04/07/14 11:28	1

Lab Sample ID: LCS 490-153223/2

Matrix: Water

Analysis Batch: 153223

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	20.0	19.54		ug/L		98	39 - 150
Toluene	20.0	20.46		ug/L		102	46 - 148
Ethylbenzene	20.0	20.42		ug/L		102	32 - 160
Xylenes, Total	60.0	61.65		ug/L		103	66 - 136
Methyl tert-butyl ether	20.0	19.96		ug/L		100	56 - 136

Surrogate	LCS %Recovery	LCS Qualifier	Limits
a,a,a-Trifluorotoluene	98		50 - 150

Lab Sample ID: 490-50247-A-8 MS

Matrix: Water

Analysis Batch: 153223

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	<0.360		50.0	52.08		ug/L		104	39 - 150
Toluene	<0.330		50.0	54.77		ug/L		110	46 - 148
Ethylbenzene	<0.370		50.0	56.79		ug/L		114	32 - 160
Xylenes, Total	<0.600		150	167.6		ug/L		112	66 - 136
Methyl tert-butyl ether	<0.460		50.0	50.45		ug/L		101	56 - 136

Surrogate	MS %Recovery	MS Qualifier	Limits
a,a,a-Trifluorotoluene	98		50 - 150

Lab Sample ID: MB 490-153486/4

Matrix: Water

Analysis Batch: 153486

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.360		1.00	0.360	ug/L			04/08/14 16:14	1
Toluene	<0.330		1.00	0.330	ug/L			04/08/14 16:14	1
Ethylbenzene	<0.370		1.00	0.370	ug/L			04/08/14 16:14	1
Xylenes, Total	<0.600		3.00	0.600	ug/L			04/08/14 16:14	1
Methyl tert-butyl ether	<0.460		1.00	0.460	ug/L			04/08/14 16:14	1

TestAmerica Nashville

QC Sample Results

Client: Exxon Global Remed. Grp
Project/Site: Everett Terminal - Outfall 01 C

TestAmerica Job ID: 490-50028-1

Method: 602 - Purgeable Aromatics (GC) (Continued)

Lab Sample ID: MB 490-153486/4

Matrix: Water

Analysis Batch: 153486

Client Sample ID: Method Blank

Prep Type: Total/NA

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
a,a,a-Trifluorotoluene	99		50 - 150		04/08/14 16:14	1

Lab Sample ID: LCS 490-153486/2

Matrix: Water

Analysis Batch: 153486

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	20.0	19.66		ug/L		98	39 - 150
Toluene	20.0	20.13		ug/L		101	46 - 148
Ethylbenzene	20.0	20.16		ug/L		101	32 - 160
Xylenes, Total	60.0	62.12		ug/L		104	66 - 136
Methyl tert-butyl ether	20.0	20.67		ug/L		103	56 - 136

Surrogate	LCS %Recovery	LCS Qualifier	Limits
a,a,a-Trifluorotoluene	100		50 - 150

Method: 610 - PAHs (HPLC)

Lab Sample ID: MB 490-153257/1-A

Matrix: Water

Analysis Batch: 155799

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 153257

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	<0.170		1.00	0.170	ug/L		04/07/14 13:21	04/16/14 21:56	1
Acenaphthylene	<0.230		1.00	0.230	ug/L		04/07/14 13:21	04/16/14 21:56	1
Anthracene	<0.100		1.00	0.100	ug/L		04/07/14 13:21	04/16/14 21:56	1
Benzo[a]anthracene	<0.0200		0.200	0.0200	ug/L		04/07/14 13:21	04/16/14 21:56	1
Benzo[a]pyrene	<0.0200		0.100	0.0200	ug/L		04/07/14 13:21	04/16/14 21:56	1
Benzo[b]fluoranthene	<0.0200		0.100	0.0200	ug/L		04/07/14 13:21	04/16/14 21:56	1
Benzo[g,h,i]perylene	<0.0200		0.200	0.0200	ug/L		04/07/14 13:21	04/16/14 21:56	1
Benzo[k]fluoranthene	<0.0200		0.140	0.0200	ug/L		04/07/14 13:21	04/16/14 21:56	1
Chrysene	<0.0200		0.100	0.0200	ug/L		04/07/14 13:21	04/16/14 21:56	1
Dibenz(a,h)anthracene	<0.0300		0.200	0.0300	ug/L		04/07/14 13:21	04/16/14 21:56	1
Fluoranthene	<0.0300		0.200	0.0300	ug/L		04/07/14 13:21	04/16/14 21:56	1
Fluorene	0.06236	J p	0.500	0.0400	ug/L		04/07/14 13:21	04/16/14 21:56	1
Indeno[1,2,3-cd]pyrene	<0.0400		0.200	0.0400	ug/L		04/07/14 13:21	04/16/14 21:56	1
Naphthalene	<0.340		1.00	0.340	ug/L		04/07/14 13:21	04/16/14 21:56	1
Phenanthrene	<0.0500		0.500	0.0500	ug/L		04/07/14 13:21	04/16/14 21:56	1
Pyrene	<0.0300		0.200	0.0300	ug/L		04/07/14 13:21	04/16/14 21:56	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
p-Terphenyl	7	X	25 - 135	04/07/14 13:21	04/16/14 21:56	1

TestAmerica Nashville

QC Sample Results

Client: Exxon Global Remed. Grp
Project/Site: Everett Terminal - Outfall 01 C

TestAmerica Job ID: 490-50028-1

Method: 610 - PAHs (HPLC) (Continued)

Lab Sample ID: LCS 490-153257/2-A

Matrix: Water

Analysis Batch: 155799

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 153257

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acenaphthene	2.50	1.813		ug/L		73	1 - 124
Acenaphthylene	5.00	3.494		ug/L		70	1 - 139
Anthracene	2.50	1.905		ug/L		76	1 - 126
Benzo[a]anthracene	2.50	1.969		ug/L		79	12 - 135
Benzo[a]pyrene	2.50	1.788		ug/L		72	1 - 128
Benzo[b]fluoranthene	2.50	1.894		ug/L		76	6 - 150
Benzo[g,h,i]perylene	2.50	1.936		ug/L		77	1 - 116
Benzo[k]fluoranthene	2.50	2.043		ug/L		82	1 - 159
Chrysene	2.50	1.971		ug/L		79	1 - 199
Dibenz(a,h)anthracene	2.50	1.900		ug/L		76	1 - 110
Fluoranthene	2.50	1.886		ug/L		75	14 - 123
Fluorene	2.50	1.744		ug/L		70	1 - 142
Indeno[1,2,3-cd]pyrene	2.50	1.832		ug/L		73	1 - 116
Naphthalene	2.50	1.790		ug/L		72	1 - 122
Phenanthrene	2.50	1.836		ug/L		73	1 - 155
Pyrene	2.50	1.845		ug/L		74	1 - 140

Surrogate	LCS %Recovery	LCS Qualifier	Limits
p-Terphenyl	79		25 - 135

Lab Sample ID: LCSD 490-153257/3-A

Matrix: Water

Analysis Batch: 155799

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 153257

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Acenaphthene	2.50	1.712		ug/L		68	1 - 124	6	50
Acenaphthylene	5.00	3.351		ug/L		67	1 - 139	4	50
Anthracene	2.50	1.825		ug/L		73	1 - 126	4	50
Benzo[a]anthracene	2.50	1.875		ug/L		75	12 - 135	5	50
Benzo[a]pyrene	2.50	1.696		ug/L		68	1 - 128	5	50
Benzo[b]fluoranthene	2.50	1.793		ug/L		72	6 - 150	5	50
Benzo[g,h,i]perylene	2.50	1.850		ug/L		74	1 - 116	5	50
Benzo[k]fluoranthene	2.50	1.914		ug/L		77	1 - 159	7	50
Chrysene	2.50	1.869		ug/L		75	1 - 199	5	50
Dibenz(a,h)anthracene	2.50	1.834		ug/L		73	1 - 110	5	50
Fluoranthene	2.50	1.766		ug/L		71	14 - 123	7	50
Fluorene	2.50	1.658		ug/L		66	1 - 142	5	50
Indeno[1,2,3-cd]pyrene	2.50	1.782		ug/L		71	1 - 116	3	50
Naphthalene	2.50	1.676		ug/L		67	1 - 122	7	50
Phenanthrene	2.50	1.739		ug/L		70	1 - 155	5	50
Pyrene	2.50	1.728		ug/L		69	1 - 140	6	50

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
p-Terphenyl	76		25 - 135

TestAmerica Nashville

QC Sample Results

Client: Exxon Global Remed. Grp
Project/Site: Everett Terminal - Outfall 01 C

TestAmerica Job ID: 490-50028-1

Method: 200.7 Rev 4.4 - Metals (ICP)

Lab Sample ID: MB 490-155019/1-A

Matrix: Water

Analysis Batch: 156692

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 155019

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	<0.0680		0.100	0.0680	mg/L		04/14/14 11:38	04/18/14 18:44	1
Chromium	<0.00120		0.00500	0.00120	mg/L		04/14/14 11:38	04/18/14 18:44	1
Lead	<0.00170		0.00500	0.00170	mg/L		04/14/14 11:38	04/18/14 18:44	1
Cadmium	<0.000200		0.00100	0.000200	mg/L		04/14/14 11:38	04/18/14 18:44	1
Copper	<0.00700		0.0100	0.00700	mg/L		04/14/14 11:38	04/18/14 18:44	1
Zinc	<0.0100		0.0500	0.0100	mg/L		04/14/14 11:38	04/18/14 18:44	1

Lab Sample ID: MB 490-155019/1-A

Matrix: Water

Analysis Batch: 156846

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 155019

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nickel	<0.00130		0.0100	0.00130	mg/L		04/14/14 11:38	04/21/14 14:03	1

Lab Sample ID: LCS 490-155019/2-A

Matrix: Water

Analysis Batch: 156692

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 155019

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Aluminum	2.00	2.241		mg/L		112	85 - 115
Chromium	0.200	0.2159		mg/L		108	85 - 115
Cadmium	0.0500	0.05560		mg/L		111	85 - 115
Copper	0.250	0.2839		mg/L		114	85 - 115

Lab Sample ID: LCS 490-155019/2-A

Matrix: Water

Analysis Batch: 156846

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 155019

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Nickel	0.500	0.5214		mg/L		104	85 - 115

Lab Sample ID: 580-42959-B-10-B MS

Matrix: Water

Analysis Batch: 156692

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 155019

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Aluminum	<0.0680		2.00	2.340		mg/L		117	70 - 130
Chromium	<0.00120		0.200	0.2238		mg/L		112	70 - 130
Lead	0.00240	J	0.0500	0.05970		mg/L		115	70 - 130
Cadmium	<0.000200		0.0500	0.05740		mg/L		115	70 - 130
Copper	<0.00700		0.250	0.2970		mg/L		119	70 - 130
Zinc	0.0216	J	0.500	0.6031		mg/L		116	70 - 130

Lab Sample ID: 580-42959-B-10-C MSD

Matrix: Water

Analysis Batch: 156692

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 155019

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Aluminum	<0.0680		2.00	2.286		mg/L		114	70 - 130	2	20

TestAmerica Nashville

QC Sample Results

Client: Exxon Global Remed. Grp
Project/Site: Everett Terminal - Outfall 01 C

TestAmerica Job ID: 490-50028-1

Method: 200.7 Rev 4.4 - Metals (ICP) (Continued)

Lab Sample ID: 580-42959-B-10-C MSD

Matrix: Water

Analysis Batch: 156692

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 155019

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chromium	<0.00120		0.200	0.2213		mg/L		111	70 - 130	1	20
Lead	0.00240	J	0.0500	0.05940		mg/L		114	70 - 130	1	20
Cadmium	<0.000200		0.0500	0.05710		mg/L		114	70 - 130	1	20
Copper	<0.00700		0.250	0.2897		mg/L		116	70 - 130	2	20
Zinc	0.0216	J	0.500	0.5975		mg/L		115	70 - 130	1	20

Method: 1664A - HEM and SGT-HEM

Lab Sample ID: MB 490-155003/1-A

Matrix: Water

Analysis Batch: 155025

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 155003

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil & Grease (HEM)	<1.40		4.00	1.40	mg/L		04/14/14 11:11	04/14/14 11:11	1

Lab Sample ID: LCS 490-155003/2-A

Matrix: Water

Analysis Batch: 155025

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 155003

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Oil & Grease (HEM)	41.7	39.06		mg/L		94	78 - 114

Lab Sample ID: LCSD 490-155003/3-A

Matrix: Water

Analysis Batch: 155025

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 155003

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Oil & Grease (HEM)	41.7	37.19		mg/L		89	78 - 114	5	18

Lab Sample ID: 490-50028-1 MS

Matrix: Wastewater

Analysis Batch: 155025

Client Sample ID: Outfall 01 C

Prep Type: Total/NA

Prep Batch: 155003

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Oil & Grease (HEM)	<1.49		46.5	41.28		mg/L		89	78 - 114

Method: OIA-1677 - Cyanide, Available (Flow Injection)

Lab Sample ID: MB 180-102059/35

Matrix: Water

Analysis Batch: 102059

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Available cyanide	<0.00180		0.00200	0.00180	mg/L			04/08/14 14:53	1

TestAmerica Nashville

QC Sample Results

Client: Exxon Global Remed. Grp
Project/Site: Everett Terminal - Outfall 01 C

TestAmerica Job ID: 490-50028-1

Method: OIA-1677 - Cyanide, Available (Flow Injection) (Continued)

Lab Sample ID: LCS 180-102059/34

Matrix: Water

Analysis Batch: 102059

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Available cyanide	0.100	0.09973		mg/L		100	82 - 132

Lab Sample ID: 180-31192-A-1 MS

Matrix: Water

Analysis Batch: 102059

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Available cyanide	0.0184		0.100	0.1050		mg/L		87	82 - 130

Lab Sample ID: 180-31192-A-1 MSD

Matrix: Water

Analysis Batch: 102059

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Available cyanide	0.0184		0.100	0.1035		mg/L		85	82 - 130	1	11

Method: SM 2540D - Solids, Total Suspended (TSS)

Lab Sample ID: MB 490-153031/1

Matrix: Water

Analysis Batch: 153031

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids	<0.700		1.00	0.700	mg/L			04/05/14 13:10	1

Lab Sample ID: LCS 490-153031/2

Matrix: Water

Analysis Batch: 153031

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Total Suspended Solids	101	96.70		mg/L		96	90 - 110

Lab Sample ID: 490-49978-A-1 DU

Matrix: Water

Analysis Batch: 153031

Client Sample ID: Duplicate

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Suspended Solids	255		211.0		mg/L		19	20

Lab Sample ID: 490-49978-A-2 DU

Matrix: Water

Analysis Batch: 153031

Client Sample ID: Duplicate

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Suspended Solids	87.6		71.20	F3	mg/L		21	20

TestAmerica Nashville

QC Association Summary

Client: Exxon Global Remed. Grp
Project/Site: Everett Terminal - Outfall 01 C

TestAmerica Job ID: 490-50028-1

GC VOA

Analysis Batch: 153223

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-50028-5	Trip Blank	Total/NA	Water	602	
490-50247-A-8 MS	Matrix Spike	Total/NA	Water	602	
LCS 490-153223/2	Lab Control Sample	Total/NA	Water	602	
MB 490-153223/4	Method Blank	Total/NA	Water	602	

Analysis Batch: 153486

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-50028-1	Outfall 01 C	Total/NA	Wastewater	602	
LCS 490-153486/2	Lab Control Sample	Total/NA	Water	602	
MB 490-153486/4	Method Blank	Total/NA	Water	602	

HPLC/IC

Prep Batch: 153257

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-50028-1	Outfall 01 C	Total/NA	Wastewater	610	
LCS 490-153257/2-A	Lab Control Sample	Total/NA	Water	610	
LCSD 490-153257/3-A	Lab Control Sample Dup	Total/NA	Water	610	
MB 490-153257/1-A	Method Blank	Total/NA	Water	610	

Analysis Batch: 155799

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-50028-1	Outfall 01 C	Total/NA	Wastewater	610	153257
LCS 490-153257/2-A	Lab Control Sample	Total/NA	Water	610	153257
LCSD 490-153257/3-A	Lab Control Sample Dup	Total/NA	Water	610	153257
MB 490-153257/1-A	Method Blank	Total/NA	Water	610	153257

Metals

Prep Batch: 155019

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-50028-1	Outfall 01 C	Total/NA	Wastewater	200.7	
580-42959-B-10-B MS	Matrix Spike	Total/NA	Water	200.7	
580-42959-B-10-C MSD	Matrix Spike Duplicate	Total/NA	Water	200.7	
LCS 490-155019/2-A	Lab Control Sample	Total/NA	Water	200.7	
MB 490-155019/1-A	Method Blank	Total/NA	Water	200.7	

Analysis Batch: 156692

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-50028-1	Outfall 01 C	Total/NA	Wastewater	200.7 Rev 4.4	155019
580-42959-B-10-B MS	Matrix Spike	Total/NA	Water	200.7 Rev 4.4	155019
580-42959-B-10-C MSD	Matrix Spike Duplicate	Total/NA	Water	200.7 Rev 4.4	155019
LCS 490-155019/2-A	Lab Control Sample	Total/NA	Water	200.7 Rev 4.4	155019
MB 490-155019/1-A	Method Blank	Total/NA	Water	200.7 Rev 4.4	155019

Analysis Batch: 156846

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-50028-1	Outfall 01 C	Total/NA	Wastewater	200.7 Rev 4.4	155019
LCS 490-155019/2-A	Lab Control Sample	Total/NA	Water	200.7 Rev 4.4	155019
MB 490-155019/1-A	Method Blank	Total/NA	Water	200.7 Rev 4.4	155019

TestAmerica Nashville

QC Association Summary

Client: Exxon Global Remed. Grp
Project/Site: Everett Terminal - Outfall 01 C

TestAmerica Job ID: 490-50028-1

General Chemistry

Analysis Batch: 102059

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-31192-A-1 MS	Matrix Spike	Total/NA	Water	OIA-1677	
180-31192-A-1 MSD	Matrix Spike Duplicate	Total/NA	Water	OIA-1677	
490-50028-1	Outfall 01 C	Total/NA	Wastewater	OIA-1677	
LCS 180-102059/34	Lab Control Sample	Total/NA	Water	OIA-1677	
MB 180-102059/35	Method Blank	Total/NA	Water	OIA-1677	

Analysis Batch: 153031

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-49978-A-1 DU	Duplicate	Total/NA	Water	SM 2540D	
490-49978-A-2 DU	Duplicate	Total/NA	Water	SM 2540D	
490-50028-2	Outfall 01 C-TSS - 1	Total/NA	Wastewater	SM 2540D	
LCS 490-153031/2	Lab Control Sample	Total/NA	Water	SM 2540D	
MB 490-153031/1	Method Blank	Total/NA	Water	SM 2540D	

Prep Batch: 155003

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-50028-1	Outfall 01 C	Total/NA	Wastewater	1664A	
490-50028-1 MS	Outfall 01 C	Total/NA	Wastewater	1664A	
LCS 490-155003/2-A	Lab Control Sample	Total/NA	Water	1664A	
LCSD 490-155003/3-A	Lab Control Sample Dup	Total/NA	Water	1664A	
MB 490-155003/1-A	Method Blank	Total/NA	Water	1664A	

Analysis Batch: 155025

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-50028-1	Outfall 01 C	Total/NA	Wastewater	1664A	155003
490-50028-1 MS	Outfall 01 C	Total/NA	Wastewater	1664A	155003
LCS 490-155003/2-A	Lab Control Sample	Total/NA	Water	1664A	155003
LCSD 490-155003/3-A	Lab Control Sample Dup	Total/NA	Water	1664A	155003
MB 490-155003/1-A	Method Blank	Total/NA	Water	1664A	155003

Lab Chronicle

Client: Exxon Global Remed. Grp
Project/Site: Everett Terminal - Outfall 01 C

TestAmerica Job ID: 490-50028-1

Client Sample ID: Outfall 01 C

Date Collected: 04/03/14 10:40

Date Received: 04/04/14 08:30

Lab Sample ID: 490-50028-1

Matrix: Wastewater

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	602		1	5 mL	5 mL	153486	04/08/14 17:55	FKG	TAL NSH
Total/NA	Prep	610			1050 mL	1.0 mL	153257	04/07/14 13:21	LJE	TAL NSH
Total/NA	Analysis	610		1	1050 mL	1.0 mL	155799	04/16/14 23:17	HMT	TAL NSH
Total/NA	Prep	200.7			50 mL	50 mL	155019	04/14/14 11:38	JBD	TAL NSH
Total/NA	Analysis	200.7 Rev 4.4		1	50 mL	50 mL	156692	04/18/14 19:38	LTB	TAL NSH
Total/NA	Prep	200.7			50 mL	50 mL	155019	04/14/14 11:38	JBD	TAL NSH
Total/NA	Analysis	200.7 Rev 4.4		1	50 mL	50 mL	156846	04/21/14 14:19	LTB	TAL NSH
Total/NA	Analysis	1664A		1	900 mL	960 mL	155025	04/14/14 11:11	BAD	TAL NSH
Total/NA	Prep	1664A			900 mL	960 mL	155003	04/14/14 11:11	BAD	TAL NSH
Total/NA	Analysis	OIA-1677		1			102059	04/08/14 15:03	CAK	TAL PIT

Client Sample ID: Outfall 01 C-TSS - 1

Date Collected: 04/03/14 10:40

Date Received: 04/04/14 08:30

Lab Sample ID: 490-50028-2

Matrix: Wastewater

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	SM 2540D		1	970 mL	1000 mL	153031	04/05/14 13:10	CRM	TAL NSH

Client Sample ID: Trip Blank

Date Collected: 04/03/14 00:01

Date Received: 04/04/14 08:30

Lab Sample ID: 490-50028-5

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	602		1	5 mL	5 mL	153223	04/07/14 16:30	FKG	TAL NSH

Laboratory References:

TAL NSH = TestAmerica Nashville, 2960 Foster Creighton Drive, Nashville, TN 37204, TEL (615)726-0177

TAL PIT = TestAmerica Pittsburgh, 301 Alpha Drive, RIDC Park, Pittsburgh, PA 15238, TEL (412)963-7058

Method Summary

Client: Exxon Global Remed. Grp
Project/Site: Everett Terminal - Outfall 01 C

TestAmerica Job ID: 490-50028-1

Method	Method Description	Protocol	Laboratory
602	Purgeable Aromatics (GC)	40CFR136A	TAL NSH
610	PAHs (HPLC)	40CFR136A	TAL NSH
200.7 Rev 4.4	Metals (ICP)	EPA	TAL NSH
1664A	HEM and SGT-HEM	1664A	TAL NSH
OIA-1677	Cyanide, Available (Flow Injection)	OI CORP	TAL PIT
SM 2540D	Solids, Total Suspended (TSS)	SM	TAL NSH

Protocol References:

1664A = EPA-821-98-002

40CFR136A = "Methods for Organic Chemical Analysis of Municipal Industrial Wastewater", 40CFR, Part 136, Appendix A, October 26, 1984 and subsequent revisions.

EPA = US Environmental Protection Agency

OI CORP = OI Corporation Instrument Manual.

SM = "Standard Methods For The Examination Of Water And Wastewater",

Laboratory References:

TAL NSH = TestAmerica Nashville, 2960 Foster Creighton Drive, Nashville, TN 37204, TEL (615)726-0177

TAL PIT = TestAmerica Pittsburgh, 301 Alpha Drive, RIDC Park, Pittsburgh, PA 15238, TEL (412)963-7058

Certification Summary

Client: Exxon Global Remed. Grp
Project/Site: Everett Terminal - Outfall 01 C

TestAmerica Job ID: 490-50028-1

Laboratory: TestAmerica Nashville

All certifications held by this laboratory are listed. Not all certifications are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
A2LA	ISO/IEC 17025		0453.07	12-31-15
Alaska (UST)	State Program	10	UST-087	07-24-14
Arizona	State Program	9	AZ0473	05-05-14 *
Arizona	State Program	9	AZ0473	05-05-14 *
Arkansas DEQ	State Program	6	88-0737	04-25-14 *
California	NELAP	9	1168CA	10-31-14
Connecticut	State Program	1	PH-0220	12-31-15
Florida	NELAP	4	E87358	06-30-14
Illinois	NELAP	5	200010	12-09-14
Iowa	State Program	7	131	05-01-14 *
Kansas	NELAP	7	E-10229	10-31-14
Kentucky (UST)	State Program	4	19	06-30-14
Louisiana	NELAP	6	30613	06-30-14
Maryland	State Program	3	316	03-31-15
Massachusetts	State Program	1	M-TN032	06-30-14
Minnesota	NELAP	5	047-999-345	12-31-14
Mississippi	State Program	4	N/A	06-30-14
Montana (UST)	State Program	8	NA	02-24-20
Nevada	State Program	9	TN00032	07-31-14
New Hampshire	NELAP	1	2963	10-10-14
New Jersey	NELAP	2	TN965	06-30-14
New York	NELAP	2	11342	03-31-15
North Carolina DENR	State Program	4	387	12-31-14
North Dakota	State Program	8	R-146	06-30-14
Ohio VAP	State Program	5	CL0033	10-16-15
Oklahoma	State Program	6	9412	08-31-14
Oregon	NELAP	10	TN200001	04-29-14 *
Pennsylvania	NELAP	3	68-00585	06-30-14
Rhode Island	State Program	1	LAO00268	12-30-14
South Carolina	State Program	4	84009 (002)	02-23-17
Tennessee	State Program	4	2008	02-23-17
Texas	NELAP	6	T104704077	08-31-14
USDA	Federal		S-48469	10-30-16
Utah	NELAP	8	TN00032	07-31-14
Virginia	NELAP	3	460152	06-14-14
Washington	State Program	10	C789	07-19-14
West Virginia DEP	State Program	3	219	02-28-15
Wisconsin	State Program	5	998020430	08-31-14
Wyoming (UST)	A2LA	8	453.07	12-31-15

Laboratory: TestAmerica Pittsburgh

All certifications held by this laboratory are listed. Not all certifications are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
Arkansas DEQ	State Program	6	88-0690	06-27-14
California	NELAP	9	4224CA	03-31-14 *
Connecticut	State Program	1	PH-0688	09-30-14
Florida	NELAP	4	E871008	06-30-14
Illinois	NELAP	5	002602	06-30-14
Kansas	NELAP	7	E-10350	01-31-15

* Expired certification is currently pending renewal and is considered valid.

TestAmerica Nashville

Certification Summary

Client: Exxon Global Remed. Grp
Project/Site: Everett Terminal - Outfall 01 C

TestAmerica Job ID: 490-50028-1

Laboratory: TestAmerica Pittsburgh (Continued)

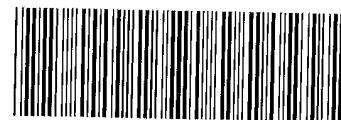
All certifications held by this laboratory are listed. Not all certifications are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
Louisiana	NELAP	6	04041	06-30-14
New Hampshire	NELAP	1	203011	04-05-14 *
New Jersey	NELAP	2	PA005	06-30-14
New York	NELAP	2	11182	03-31-15
North Carolina DENR	State Program	4	434	12-31-14
Pennsylvania	NELAP	3	02-00416	04-30-14 *
South Carolina	State Program	4	89014	04-30-14 *
Texas	NELAP	6	T104704528	03-31-15
US Fish & Wildlife	Federal		LE94312A-1	11-30-14
USDA	Federal		P330-10-00139	05-23-16
Utah	NELAP	8	STLP	04-30-14 *
Virginia	NELAP	3	460189	09-14-14
West Virginia DEP	State Program	3	142	01-31-14 *
Wisconsin	State Program	5	998027800	08-31-14

* Expired certification is currently pending renewal and is considered valid.

TestAmerica Nashville

COOLER RECEIPT FORM



490-50028 Chain of Custody

Cooler Received/Opened On 4/4/2014 @ 0830

1. Tracking # 2368 (last 4 digits, FedEx)

Courier: Fedex IR Gun ID 17960358

2. Temperature of rep. sample or temp blank when opened: 16 Degrees Celsius

3. If Item #2 temperature is 0°C or less, was the representative sample or temp blank frozen? YES NO NA

4. Were custody seals on outside of cooler? YES...NO...NA

If yes, how many and where: 1 front

5. Were the seals intact, signed, and dated correctly? YES...NO...NA

6. Were custody papers inside cooler? YES...NO...NA

I certify that I opened the cooler and answered questions 1-6 (initial) ELA

7. Were custody seals on containers: YES NO and Intact YES...NO...NA

Were these signed and dated correctly? YES...NO...NA

8. Packing mat'l used? Bubblewrap Plastic bag Peanuts Vermiculite Foam Insert Paper Other None

9. Cooling process: Ice Ice-pack Ice (direct contact) Dry ice Other None

10. Did all containers arrive in good condition (unbroken)? YES...NO...NA

11. Were all container labels complete (#, date, signed, pres., etc)? YES...NO...NA

12. Did all container labels and tags agree with custody papers? YES...NO...NA

13a. Were VOA vials received? YES...NO...NA

b. Was there any observable headspace present in any VOA vial? YES...NO...NA

14. Was there a Trip Blank in this cooler? YES...NO...NA If multiple coolers, sequence #

I certify that I unloaded the cooler and answered questions 7-14 (initial) mbm

15a. On pres'd bottles, did pH test strips suggest preservation reached the correct pH level? YES...NO...NA

b. Did the bottle labels indicate that the correct preservatives were used YES...NO...NA

16. Was residual chlorine present? YES...NO...NA

I certify that I checked for chlorine and pH as per SOP and answered questions 15-16 (initial) mbm

17. Were custody papers properly filled out (ink, signed, etc)? YES...NO...NA

18. Did you sign the custody papers in the appropriate place? YES...NO...NA

19. Were correct containers used for the analysis requested? YES...NO...NA

20. Was sufficient amount of sample sent in each container? YES...NO...NA

I certify that I entered this project into LIMS and answered questions 17-20 (initial) mbm

I certify that I attached a label with the unique LIMS number to each container (initial) mbm

21. Were there Non-Conformance issues at login? YES...NO Was a NCM generated? YES...NO...#

TestAmerica Nashville Division
2960 Foster Creighton
Nashville, TN 37204
Phone: 615-726-0177
Toll Free: 800-765-0980
Fax: 615-726-3404

ExxonMobil



Consultant Name: ExxonMobil Everett Terminal
Address: 52 Beacham Street
City/State/Zip: Everett, MA 02149
ExxonMobil Project Mgr: Mr. Damian Guzman
Consultant Project Mgr: Triumvirate - Darrell Intersess (Call Viscoth at (617) 799-4357 for sample related questions)
Consultant Telephone Number: 617-381-2802
Fax No.: 617-381-2954
Sample Name: (Print) Viscoth String
Sampler Signature: [Signature]
Regulatory District (CA) _____
City, State, Zip _____
TA Account #: _____
Invoice To: ExxonMobil PM unless otherwise indicated
Report To: sperry@triumvirate.com; damian.guzman@exxonmobil.com
PO #: _____
PROJECT #: NPDES Permit MA0000833
Facility ID #: _____
Site Address SAME
City, State, Zip _____

Sample ID or Field ID	Date Sampled	Time Sampled	No. of Containers Shipped	Grab	Composite	Field Filtered	Preservative								Matrix					Monthly		Analyze For:	RUSH TAT (Pre-Schedule) *	TAT request (In Bus. Days)	Fax Results (yes or no)	Due Date of Report																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
							Methanol	Sodium Bisulfate	HCl (Blue Label)	NaOH (Orange Label)	H ₂ SO ₄ Plastic (Yellow Label)	H ₂ SO ₄ Glass(Yellow Label)	HNO ₃ (Red Label)	None (Black Label)	Groundwater	Wastewater	Drinking Water	Sludge	Soil	Other (specify):	TSS - SM 2540D						O & G by EPA 1664	PAHs 610	Benzene, Toluene, Ethylbenzene, & total Xylene, MTBE by EPA 602	Available Cyanide	Al, Cd, Cr, Cu, Pb, Hg, Ni, Zn																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
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Comments/Special Instructions:
Laboratory case narrative to NELAC Institute standard protocol.
PLEASE SEE ATTACHED ML REQUIREMENTS

Laboratory Comments:
Temperature Upon Receipt: 1.6c
Sample Containers intact? Y
VOCs Free of Headspace? Y
QC Deliverables (please circle one)
Level 1 Level 2 Level 3 Level 4
* It will be the responsibility of ExxonMobil or its consultant to notify the TestAmerica Project Manager by phone or fax that a trash sample will be submitted.
TA Project Manager: _____ Date: _____
Flow (MCD) _____
pH: _____
TRC: _____

PH6666: 6.7 s.u.
SVYA231

 	ExxonMobil Everett Terminal NPDES Permit Compliance & Sampling Procedure	Revision Number: 2
		Revision Date: 3-22-12
	NPDES Permit #MA0000833	Endorsed by:
	Prepared by: EMPCo	Procedure Effective Date: 1-1-12

Appendix E

Required MLs for Samples from Outfalls 01A and 01C to Accompany Chain of Custody

Polycyclic Aromatic Hydrocarbons

Group I	Permit Required Minimum Level for Analysis, ug/L
Benzo(a)anthracene	<0.05
Benzo(a)pyrene	<0.05
Benzo(b)fluoranthene	<0.05
Benzo(k)fluoranthene	<0.05
Chrysene	<0.5
Dibenzo(a,h)anthracene	<0.10
Indeno(1,2,3-cd)pyrene	<0.10
Group II	Permit Required Minimum Level for Analysis, ug/L
Acenaphthene	<5.00
Acenaphthylene	<5.00
Anthracene	<2.0
Benzo(ghi)perylene	<0.2
Fluoranthene	<0.50
Fluorene	<0.5
Naphthalene	<5.00
Phenanthrene	<2.00
Pyrene	<1.00
Other	Permit Required Minimum Level for Analysis, ug/L
Available Cyanide	< 2.00
Total Mercury (Hg)	< 2.00
Methyl Tertiary-Butyl Ether (MTBE)	< 5.00

Login Sample Receipt Checklist

Client: Exxon Global Remed. Grp

Job Number: 490-50028-1

Login Number: 50028

List Source: TestAmerica Nashville

List Number: 1

Creator: McBride, Mike

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	1.6
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	True	

Login Sample Receipt Checklist

Client: Exxon Global Remed. Grp

Job Number: 490-50028-1

Login Number: 50028

List Number: 1

Creator: Watson, Debbie

List Source: TestAmerica Pittsburgh

List Creation: 04/05/14 11:56 AM

Question	Answer	Comment
Radioactivity wasn't checked or is \leq background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is $<6\text{mm}$ (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	